

Client Interview

9/30/19

Insulation Station team was able to make a trip to the Tubing, Duct, and Reservoir Center in the Boeing Factory near Seattle. Their time there gave valuable insight to the goal of their project, and solidified what they needed to complete for the company.

As of the current process, Boeing team members use a turkey knife to cut insulation to a length. They would like our team to automate this process.

Key Notes

- Max cut length: 118", Shortest: 3.5"
- Each insulation box has 120' of insulation
- 2 diameters to cut: 2.5" and 3"
- Tolerance of +/- 0.3"

A complete design review will be wanted in February. A trip to Boeing after the Design Expo is anticipated.